

# INTERNATIONAL SEARCH REPORT

In Application No  
PCT/GB2004/004929

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 C12N15/68 C12N15/64 A61K35/74

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 C12N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, EMBASE, BIOSIS, PAJ

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 97/14805 A (BIOSTAR, INC) 24 April 1997 (1997-04-24)	1-9, 13-25, 38-45
Y	page 6, line 20 - page 7, line 2  page 12, line 1 - page 16, line 30; claims  -----  BRANTL SABINE: "Antisense RNAs in plasmids: Control of replication and maintenance." PLASMID, vol. 48, no. 3, November 2002 (2002-11), pages 165-173, XP002327899 ISSN: 0147-619X cited in the application the whole document  -----  -/-	10-12, 26-37
Y		10-12

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

\* Special categories of cited documents :

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- "E" earlier document but published on or after the international filing date
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- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

11 May 2005

Date of mailing of the international search report

30/05/2005

Name and mailing address of the ISA

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Int'l	Application No
PCT/GB2004/004929	

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6 413 768 B1 (GALEN JAMES E) 2 July 2002 (2002-07-02) columns 2-8 column 18; claims -----	26
Y	EP 0 851 932 A (THEREXSYS LIMITED; COBRA THERAPEUTICS LIMITED) 8 July 1998 (1998-07-08) cited in the application the whole document -----	27-37
A	WEAVER KEITH E ET AL: "Functional analysis of the Enterococcus faecalis plasmid pAD1-encoded stability determinant par" MOLECULAR MICROBIOLOGY, vol. 20, no. 1, 1996, pages 53-63, XP008046813 ISSN: 0950-382X the whole document -----	
A	WO 02/079467 A (KOEbenhavns UNIVERSITET; NIELSEN, PETER, E; GOOD, LIAM) 10 October 2002 (2002-10-10) the whole document -----	
A	WILLIAMS S G ET AL: "Repressor titration: A novel system for selection and stable maintenance of recombinant plasmids" NUCLEIC ACIDS RESEARCH, OXFORD UNIVERSITY PRESS, SURREY, GB, vol. 26, no. 9, 1 May 1998 (1998-05-01), pages 2120-2124, XP002253526 ISSN: 0305-1048 cited in the application the whole document -----	
A	ZIELENKIEWICZ URZSULA ET AL: "Mechanisms of plasmid stable maintenance with special focus on plasmid addiction systems" ACTA BIOCHIMICA POLONICA, vol. 48, no. 4, 2001, pages 1003-1023, XP002327900 ISSN: 0001-527X the whole document -----	
A	DELIHAS N: "REGULATION OF GENE EXPRESSION BY TRANS-ENCODED ANTISENSE RNAs" MOLECULAR MICROBIOLOGY, BLACKWELL SCIENTIFIC, OXFORD, GB, vol. 15, no. 3, 1995, pages 411-414, XP001029329 ISSN: 0950-382X the whole document -----	

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